

(FILE 'HOME' ENTERED AT 15:21:24 ON 02 AUG 2006)

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L1      55 SEA PLU=ON VRIP/SQSP AND SQL=<25
        E INTERFERON-BETA/CN
L2      1 SEA PLU=ON "INTERFERON-BETA (HUMAN GENE INTERFERON-BETA)"/CN
        D L2
        E INTERFERON/CN
        E INTERFERON B/CN
L3      1 SEA PLU=ON "INTERFERON B"/CN
L4      101 SEA PLU=ON ("INTERFERON B"/CN OR "INTERFERON B
        (101-PHENYLALANINE) (HUMAN)"/CN OR "INTERFERON B (11-ASPAR
        AGINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B (11-ASPARAGI
        NE,13-THREONINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B
        (110-ASPARAGINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B
        (110-ASPARAGINE,112-SERINE) (HUMAN PRECURSOR)"/CN OR "INTERFERO
        N B (111-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B
        (111-ASPARAGINE,113-THREONINE) (HUMAN PRECURSOR)"/CN OR
        "INTERFERON B (111-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/
        CN OR "INTERFERON B (111-ASPARAGINE,120-ARGININE)
        (HUMAN)"/CN OR "INTERFERON B (116-ASPARAGINE) (HUMAN
        PRECURSOR)"/CN OR "INTERFERON B (116-ASPARAGINE,118-THREON
        INE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B (13-ALANINE,84
        -ISOLEUCINE,91-ISOLEUCINE,118-CYSTEINE,146-ISOLEUCINE,157-LEUCI
        NE,161-CYSTEINE) (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC
        ACID,17-ASPARTIC ACID,69-VALINE,84-ISOLEUCINE,91-ISOLEUCINE,11
        8-ALANINE,122-ISOLEUCINE,146-ISOLEUCINE,157-LEUCINE,161-ALANINE
        ) (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC ACID,17-ASPART
        IC ACID,84-ISOLEUCINE,91-ISOLEUCINE,118-ALANINE,122-ALANINE,157
        -LEUCINE,161-ALANINE) (HUMAN)"/CN OR "INTERFERON B
        (13-GLUTAMIC ACID,17-ASPARTIC ACID,84-ISOLEUCINE,91-ISOLEUCINE,
        118-ALANINE,146-ISOLEUCINE,157-LEUCINE) (HUMAN)"/CN OR
        "INTERFERON B (13-GLUTAMIC ACID,17-ASPARTIC ACID,84-ISOLEU
        CINE,91-ISOLEUCINE,118-CYSTEINE,146-ISOLEUCINE,161-CYSTEINE)
        (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC ACID,17-ASPARTIC
        ACID,84-ISOLEUCINE,91-ISOLEUCINE,118-CYSTEINE,161-CYSTEINE)
        (HUMAN)"/CN OR "INTERFERON B (13-GLUTAMIC ACID,56-LEUCINE,
        84-ISOLEUCINE,91-ISOLEUCINE,114-LEUCINE,118-GLUTAMIC ACID,161-G
        LUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (13-LEUCINE,17-
        ALANINE,56-LEUCINE,84-ISOLEUCINE,87-PHENYLALANINE,91-LEUCINE,11
        4-PHENYLALANINE,118-LEUCINE,122-ISOLEUCINE,161-GLUTAMIC ACID)
        (HUMAN)"/CN OR "INTERFERON B (13-LEUCINE,56-LEUCINE,84-ISO
        LEUCINE,91-ISOLEUCINE,114-PHENYLALANINE,118-LEUCINE,122-ISOLEUC
        INE,161-AL
L5      825 SEA PLU=ON ("INTERFERON B (49-ASPARAGINE, 51-THREONINE)
        (HUMAN)"/CN OR "INTERFERON B (49-ASPARAGINE, 51-THREONINE,
        111-ASPARAGINE, 113-THREONINE) (HUMAN)"/CN OR "INTERFERON
        B (49-ASPARAGINE, 51-THREONINE, 71-ASPARAGINE, 73-THREONIN
        E, 111-ASPARAGINE, 113-THREONINE) (HUMAN)"/CN OR "INTERFERON
        B (49-ASPARAGINE,51-THREONINE) (HUMAN PRECURSOR)"/CN OR
        "INTERFERON B (49-ASPARAGINE,51-THREONINE, 111-ASPARAGINE,
        113-THREONINE) (HUMAN PRECURSOR)"/CN OR "INTERFERON B
        (49-LYSINE, 111-LYSINE) (HUMAN)"/CN OR "INTERFERON B
        (5-GLUTAMINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,11
        1-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,11
        1-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON
        B (5-GLUTAMINE,111-ASPARAGINE,120-ARGININE) (HUMAN)"/CN

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OR "INTERFERON B (5-GLUTAMINE,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,111-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,111-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,47-LYSINE,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,111-ASPARAGINE,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,116-GLUTAMIC ACID) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,116-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "INTERFERON B (5-GLUTAMINE,8-GLUTAMIC ACID,120-ARGININE) (HUMAN)"/CN OR "

L6

131 SEA PLU=ON ("INTERFERON B-1B (25-ASPARTIC ACID) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B-1B (25-ISOASPARTIC ACID) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B-1B (HUMAN)"/CN OR "INTERFERON B-2A (HUMAN)"/CN OR "INTERFERON B1 (103-ASPARAGINE,105-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (103-ASPARAGINE,105-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (104-ASPARAGINE,106-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (104-ASPARAGINE,106-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (107-ASPARAGINE,109-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (107-ASPARAGINE,109-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (108-ASPARAGINE,110-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (108-ASPARAGINE,110-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (11-ASPARAGINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-ASPARAGINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-PHENYLALANINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-TRYPTOPHAN) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-TYROSINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (110-VALINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (111-ASPARAGINE,113-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (111-ASPARAGINE,113-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (116-ASPARAGINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (12-ASPARAGINE,14-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (12-ASPARAGINE,14-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (123-ALANINE) (HUMAN FIBROBLAST)"/CN OR "INTERFERON B1 (124-ALANINE) (HUMAN FIBROBLAST)"/CN OR "INTERFERON B1 (125-ALANINE) (HUMAN FIBROBLAST)"/CN OR "INTERFERON B1 (15-ASPARAGINE,17-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (15-ASPARAGINE,17-THREONINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (16-ASPARAGINE,18-SERINE) (SYNTHETIC HUMAN)"/CN OR "INTERFERON B1 (16-ASPARAGINE,18-THREONINE) (SYNTHETIC HUMAN)"/CN OR "

D L2

FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:29:13 ON 02 AUG 2006

FILE 'REGISTRY' ENTERED AT 15:29:19 ON 02 AUG 2006

L7                   SEL PLU=ON   L1 1- CHEM :       154 TERMS  
FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:29:25 ON 02 AUG 2006  
FILE 'REGISTRY' ENTERED AT 15:36:29 ON 02 AUG 2006  
L8                   SEL PLU=ON   L1 1- CHEM :       154 TERMS  
FILE 'HCAPLUS, USPATFULL, USPAT2' ENTERED AT 15:36:31 ON 02 AUG 2006  
L9                   64 SEA PLU=ON   L1  
L10                  183 SEA PLU=ON   (L2 OR L3 OR L4 OR L5 OR L6)  
L11                  0 SEA PLU=ON   L9 AND L10  
L12                  51 DUP REM L9 (13 DUPLICATES REMOVED)  
                    ANSWERS '1-39' FROM FILE HCAPLUS  
                    ANSWERS '40-51' FROM FILE USPATFULL  
                    D L12 39 IBIB HITSTR  
                    D L12 35-38 IBIB HITSTR  
  
FILE 'STNGUIDE' ENTERED AT 15:42:50 ON 02 AUG 2006  
  
FILE 'HCAPLUS, USPATFULL' ENTERED AT 15:52:42 ON 02 AUG 2006  
                    D L12 30-34 IBIB HITSTR  
  
FILE 'STNGUIDE' ENTERED AT 15:52:43 ON 02 AUG 2006  
  
FILE 'HCAPLUS, USPATFULL' ENTERED AT 15:56:45 ON 02 AUG 2006  
                    D L12 40-51 IBIB HITSTR  
  
FILE 'STNGUIDE' ENTERED AT 15:56:51 ON 02 AUG 2006  
  
FILE HOME  
  
FILE REGISTRY  
Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.  
  
STRUCTURE FILE UPDATES:    1 AUG 2006   HIGHEST RN 897851-29-5  
DICTIONARY FILE UPDATES:   1 AUG 2006   HIGHEST RN 897851-29-5  
  
New CAS Information Use Policies, enter HELP USAGETERMS for details.  
  
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006  
  
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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:  
  
<http://www.cas.org/ONLINE/UG/regprops.html>  
  
FILE HCAPLUS  
FILE COVERS 1907 - 2 Aug 2006   VOL 145 ISS 6  
FILE LAST UPDATED: 1 Aug 2006   (20060801/ED)  
  
FILE USPATFULL  
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 1 Aug 2006 (20060801/PD)

FILE LAST UPDATED: 1 Aug 2006 (20060801/ED)  
CA INDEXING IS CURRENT THROUGH 1 Aug 2006 (20060801/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 1 Aug 2006 (20060801/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006

## FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 1 Aug 2006 (20060801/PD)  
FILE LAST UPDATED: 1 Aug 2006 (20060801/ED)  
CA INDEXING IS CURRENT THROUGH 1 Aug 2006 (20060801/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 1 Aug 2006 (20060801/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006

## FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jul 28, 2006 (20060728/UP).

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L1	55 SEA FILE=REGISTRY PLU=ON VRIP/SQSP AND SQL=<25
L9	64 SEA L1
L12	51 DUP REM L9 (13 DUPLICATES REMOVED)